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KNAPIK, Zbigniew; TWARDZICKI, Jerzy; WLODARCZYKOWA, Janina

Treatment of peripheral vascular disorders with dilatol. Pol. tyg. lek. 20 no.23:846-848 7 Je '65.

1. Z Katedry Medycyny Ogolnej Studium Doskonalenia Lekarzy we Wroclawiu, na basie Oddzialu Wewnetrznego A Szpitala Wojewodzkiego we Wroclawiu (Kierownik: prof. dr. med. Jozef Kariak) i z Sanatorium Zdrojowego Polskich Kolej Panstwowych w Dusznikach-Zdroju (Dyrektor: lek. med. J. Twardzicki).

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1. Z Katedry Medycyny Ogolnej Studium Doskonalenia Lekarzy we Wroclawiu, z Oddziale Wewnetrznym "A" Szpitala Wojewodzkiego we Wroclawiu (Kierownik: prof. dr. med. J. Kaniak).

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KNAPIK, Zbigniew; PACZYNSKI, Z. Andrzej

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1. Z Katedry Medycyny Ogolnej Studium Doskonalenia Lekarzy w Oddziale Wewnetrznym A Szpitala Wojewodskiego we Wroclawiu (Kierownik: prof. dr. med. J. Kaniak) i z Wojewodzkiej Poradni dla Chorych na Cukrzyce we Wroclawiu (Kierownik: lek. med. Z.A. Paczynski).

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1. Z Katedry Medycyny Ogolnej Studium Doskonalenia Lekarzy w AM na basie Oddzialu Wewnetrznego A Szpitala Wojewodzkiego we Wroclawiu (Kierownik: prof. dr. med. J. Kaniak).

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WITWICKA, Zofia; KNAPIK-FIALKOWSKA, Danuta

A rare case of juvenile fibroma of atypical localization in a 15-year-old girl. Otolaryng. Pol. 19 no.3:411-413 '65.

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1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. J. Szymanski) i z Zakladu Anatomii Patologicznej Akademii Medycznej w Warszawie (p.o. kierownika doc. dr. med. R. Stanczyk).

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KNAPIKOWA, Danuta

Decrease in the dimensions of the transverse section of the ascending aorta during syphilis. Pat.Polska 9 no.1:75-80 Jan-Mar '58.

1. Z Ośrodka Kardiologicznego przy II i III Klinice Chorób Wewnętrznych A.M. we Wrocławiu Kierownik: prof. dr Z. Kowarzykowa. Adres autora: Wrocław Zakł. Patol. ul. Marcinkowskiego 1.

(SYPHILIS, CARDIOVASCULAR, pathol.
decrease in dimensions of transverse portion of ascending aorta (Pol))

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BRATKOWSKA-SENIOW, Barbara; KNAPIKOWA, Danuta

Acquired hemolytic anemia during disseminated lupus erythematosus. Polski tygod. lek. 13 no.27:1047-1049 7 July 58.

1. (Z II Kliniki Chorob Wewnetrznych A. M. we Wroclawiu: kierownik; prof. dr med. A. Falkiewicz). Wroclaw, ul. Pasteura 4. Panstw. Szpital. Klin. Chor. Wewn.

(LUPUS ERYTHEMATOSUS, DISSEMINATED, compl. hemolytic anemia, case report (Pol))
(ANEMIA, HEMOLYTIC, case reports acquired, with disseminated lupus erythematosus (Pol))

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KNAPIKOWA, Danuta; RZUCIDŁO, Zbigniew

[redacted] case of generalized vascular thrombosis. Polskie arch. med. wewn. 28 no.6:901-907 1958.

1. Z II Kliniki Chorob Wewnetrznych Kierownik: prof. dr med. A. Falkiewicz i z Zakladu Anatomii Patologicznej Kierownik: prof. dr med. Z. Albert A. M. we Wroclawiu. Adres autora: Wroclaw, Pasteura 4, II. Klinika Chorob Wewn. A. M.

(THROMBOSIS, case reports
generalized, unusual case (Pol))

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Unusual case of alopecia after sanamycin therapy. Polski tygod. lek. 15 no.47:1811-1812 21 N '60.

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(ALOPECIA etiol) (ACTINOMYCIN toxicol)

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KRATKOWSKA-SKNIOW, Barbara; DZIERZKOWA, Wanda; GHUSZKA, Stanislaw; KNAPIKOWA, Danuta; KOHNER, Alicja

Influence of treatment with adrenal cortex hormones on immunohematological lesions in hemopoietic system diseases and in visceral lupus erythematosus. Polskie arch.med.wewn. 30 no.3: 337-343 '60.

1. Z II Kliniki Chorob Wewnetrznych A.M. we Wroclawiu. Kierownik: prof.dr med. A. Falkiewicz i z Wojewodzkiej Stacji Krwiodawstwa we Wroclawiu. Dyrektor: doc.dr med. T. Dorobisz.

(ADRENAL CORTEX HORMONES ther.)
(HEMATOPOIETIC SYSTEM dis.)
(LUPUS ERYTHEMATOSUS ther.)

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KNAPIKOWA, Danuta; ZUKOWSKI, Wojciech

Effect of the autonomic system on the behavior of nodal rhythm. Polskie arch. med. wewn. 31 no.3:329-335 '61.

1. Z II Kliniki Chorob Wewnetrznych A.M. we Wroclawiu Kierownik: prof. dr med. A. Falkiewicz.

(HEART physiol) (AUTONOMIC NERVOUS SYSTEM physiol)

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KOSMALA, Urszula; KNAPIKOWA, Danuta

A case of Cushing's syndrome in a 13-year-old girl with fibroadenoma of the breast. Pol. tyg. lek. 19 no.6:223-225; 3 F'64

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Stereocardiographic picture in various forms of hypothyroidism. Endokr. Pol. 15 no.2:237-243 Mr-Ap '64.

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OLENIACZ, Wladyslawa; KNAPIKOWA, Danuta; WOJCIECHOWSKI, Franciszek

Urolithiasis as a complication of visceral lupus erythematosus.
Pol. arch. med. wewnet. 34 no.4:489-492 '64

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GRUSZKA, Stanislaw; KNAPIKOWA, Danuta; WOJCIECHOWSKI, Franciszek

Cases of visceral lupus erythematosus (6 cases with atypical course). Pol. tyg. lek. 19 no.33:1282-1284 17 S '64.

1. Z II Klinika Chorob Wewnetrznych Akademii Medycznej we Wroclawiu (kierownik: prof. dr Antoni Falkiewicz).

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KOSMALA, Ursula; DUDEK, Zygmunt; KNAPIKOWA, Danuta

Adrenal hyperfunction in isonicotinic acid hydrazide therapy. Gruzlica 32 no.7:523-530 Je '64.

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej we Wroclawiu (Kierownik: prof. dr A. Falkiewicz) i z Kliniki Gruzlicy Akademii Medycznej we Wroclawiu (Kierownik: prof. dr T. Garbinski).

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Insulating properties of building and other materials in bee culture and the construction industry. p. 53. (Lesnicky Casopis Vol. 2, no. 1, 1956 Bratislava)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

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KNAPO, A.

The outside structure of a building from the point of view of temperature. p. 211. (Stavebnicky Casopis, Vol. 4, No. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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KNAPO, A.

YUGOSLAVIA / Farm Animals. Honeybee. Q-7

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64590

Author : Knapo, Alexander
Inst : Not given
Title : Thermal Evaluation of Beehive Construction.

Orig Pub : Pol'nohospodarstvo, 1957, 4, No. 1, 3-29

Abstract : By using the method of thermo-technical calculation, it was found that a double hive wall filled with insulating material, standardized in the USSR, best fits the conditions of efficient beekeeping.

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HASIK, Jan; STEFFEN, Jan; ADAM, Wlodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czeslaw

Localization of tubular transport of L-ascorbic acid in the nephrons of the dog by stop flow analysis. Acta medica polona 2 no.4:337-344 '61.

1. Department of General and Experimental Pathology, Medical Academy, Poznan Director: Prof. Dr. Antoni Horst II Department of Internal Medicine Medical Academy, Poznan Director: Prof. Dr. Jan Roguski.

(KIDNEY FUNCTION TESTS) (VITAMIN C metab)

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STEFFEN, Jan; ADAM, Wlodzimierz; ARASIMOWICZ, Czeslaw; KNAPOWSKI, Jan

Localization of the transport of mercury in dog nephrons by means of the "stop flow" method. Poznan. tow. przyjaciol nauk wydz. lek. 21 no.2:17-25 '61. (MERCURY urine) (KIDNEYS physiol)

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STEFFEN, Jan; ADAM, Wlodzimierz; ARASIMOWICZ, Czeslaw; KNAPOWSKI, Jan; WEISS, Krystyna; CZARNECKI, Ryszard

Tubular transportation of uric acid in dog nephrons. Acta physiol. Pol. 13 no.1:1-10 '62.

1. Z Zakladu Patologii Ogolnej i Doswiadczalnej A. M. w Poznaniu Kierownik: prof. dr A. Horst Z II Kliniki Chorob Wewnetrznych A.M. w Poznaniu Kierownik: prof. dr J. Roguski.

(KIDNEYS physiol) (URIC ACID metab)

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STEFFEN, Jan; ADAM, Mlodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czeslaw

The localization of tubular transport of lithium ions in the nephrons of the dog and the effect of intravenous infusion of lithium salts on tubular transport of potassium and sodium. Acta medica polona 3 no.2: 121-129 '62.

1. Department of General and Experimental Pathology, Medical Academy, Poznan Director: Professor Dr. A. Horst II Clinic of Internal Diseases, Medical Academy, Poznan Director: Professor Dr J. Roguski.
(KIDNEY physiol.) (LITHIUM pharmacol.) (POTASSIUM metab.) (SODIUM metab.)

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KNAPOWSKI, Jan; STEFFEN, Jan

A method for the examination of kidney tubule transport. Postepy hig. med. dosw. 19 no.3:431-457 My-Je '65.

1. Z Zakladu Patologii Ogolnej i Doswiadczalnej AM w Poznaniu (Kierownik: prof. dr. A. Horst).

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KNAPOWSKI, Jan

Clearance of intestinal loop under conditions of normal renal function. Acta med. pol. 4 no.2:179-200 '63.

1. Department of General and Experimental Pathology, Medical Academy, Poznan Director: Prof. Dr A. Horst.
(INTESTINES) (PHYSIOLOGY) (UREA)
(SODIUM) (POTASSIUM) (CREATINE AND CREATININE)
(PARA-AMINOHIPPURIC ACID)

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KNAPOWSKI, Jan; ADAM, Wlodzimierz; ARASIMOWICZ, Czeslaw; [illegible], Krystyna

Intestinal excretion of uric acid in dogs. Acta med. pol. 4 no.2:201-207 '63.

1. Department of General and Experimental Pathology, Medical Academy, Poznan Director: Prof. Dr A. Horst IInd Clinic of Internal Diseases, Medical Academy, Poznan Director: Prof. Dr J. Roguski.

(INTESTINES) (URIC ACID)

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KRAJEWSKI, Jan; [illegible], Czesław; STIFFEN, Jan; ADAM, Włodzimierz

Potassium transport in the nephrons of dogs under anaerobic conditions. Acta med. Pol. 5 no.3:331-336 '64.

1. Department of General and Experimental Pathology, Medical Academy, Poznan (Director: Prof. Dr. A. Horst) and II Clinic of Internal Diseases, Medical Academy, Poznan (Director: Prof. Dr. J. Roguski).

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BACZYK, Kazimierz; STEFEN, Jan; ADAM, Wlodzimierz; ARASIMOWICZ, Czeslaw; KNAPOWSKI, Jan

Effect of scillaren on sodium and potassium transport in the nephrons of the dog. Acta med. Pol. 5 no.4:439-446 '64

1. IInd Clinic of Internal Diseases, Medical Academy, Poznan (Director: prof. dr. J. Roguski) and Department of General and Experimental Pathology, Medical Academy, Poznan (Director: prof. dr. A. Horst).

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STEFFEN, Jan; ADAM, Wlodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czeslaw; WARCHOL, Jerzy

Acute mercury intoxication in the dog; a functional and autoradiographic study. Acta med. Pol. 6 no.1:15-30 '65

1. Department of General and Experimental Pathology, Medical Academy, Poznan (Director: prof. dr. A. Horst); IInd Medical Department, Medical Academy, Poznan (Director: prof. dr. J. Roguski) and Department of Histology and Embryology, Medical Academy, Poznan (Director: prof. dr. Mietkiewski).

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KNAPOWSKI, Jan; STEFFEN, Jan; ADAM, Wlodzimierz; ARASIMOWICZ, Czesław; ZIELEZINSKA, Krystyna; STOLZMANN, Maciej

The effect of temporary complete occlusion of the renal artery on tubular transport in the nephrons of dogs. Acta med. Pol. 6 no.1:31-40 '65

1. Department of General and Experimental Pathology, Medical Academy, Poznan (Director: prof. dr. Antoni Horst) and IInd Clinic of Internal Diseases, Medical Academy, Poznan (Director: prof. dr. Jan Roguski).

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KNAPOWSKI, S.

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Polskie towarzystwo matematyczne

Prace Matematyczne, II, 1 (Mathematical Transactions, Vol. 2, pt. 1). Warszawa, Państwowe wyd-wo naukowe, 1958. 200 p. 750 copies printed.

Editorial Committee: Władysław Orlicz (Chief Ed.), Stefan Drobot (Deputy Chief Ed.), Adam Bielecki, Stanisław Hartman, Jan Mikusiński, Roman Sikorski, Marceli Stark, Hugo Steinhaus, Krzysztof Zarankiewicz, and Włodzimierz Wrona.

PURPOSE: This book is intended for mathematicians.

COVERAGE: This collection of articles deals with the theory of numbers, algebra, and some other subjects connected with mathematics. Among topics treated are the pursuit method of the theory of games and a biography of a Polish mathematician K. Zarankiewicz, consisting mainly of a discussion of his mathematical work. No personalities are mentioned. References and summaries in Russian and English are given after several of the articles.

Ciesielski, W. On Certain Expansions of Real Numbers Into Infinite Rapidly Converging Products 131

Gwiazda, A., S. Hartman, and K. Sieniawa. Invariant Measures in Spaces With a Transitive Group of Transformations 139

Sikorski, R. On the Vitali Theorem 146

Gdyński, J. On a Certain Sequence Which Converges to the Generalized Transfinite Diameter of a Plane Set 152

Krzyż, J. Olivier's Theorem and Its Generalizations 159

Szczepski, K. A Theorem in the Theory of Finite Groups 165

Skowronski, A. A Criterion of Indecomposability of Polynomials 167

Szczepski, K. A Criterion of Irreducibility of the Equations of Degree p + 1 170

Czerwin, A. The Necessary and Sufficient Conditions for the

Mathematical Transactions (Cont.) POL/4232

Modulus of the Congruence $\sum_{r=1}^{p-1} r^{p-1} \equiv -1 \pmod{n}$ 172

Reports From Scientific Sessions Held at the Polish Mathematical Society 179

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KNAPOWSKI, S.

SCIENCE

periodicals: ACTA ARITHMETICA Vol 5, no. 1, 1959

KNAPOWSKI, S. On new "explicit formulas" in prime number theory. I. p. I.

Monthly List of East European Accession (EEAI) LC Vol. 8, no. 5 May 1959, Unclass.

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KNAPOWSKI, S. (Poznan)

On the mean values of certain functions in prime number theory. Acta mat.Hung. 10 no.3/4:375-390 '59. (MEAI 9:5)
(Functions) (Numbers, Theory of)

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KNAPOWSKI, S. (Poznan)

Contributions to the theory of the distribution of prime numbers in arithmetical progressions. I. Acta arithmetica 6 no.4:415-434 '61.

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KNAPOWSKI, S. (Poznan)

On sign-changes of the difference $\pi(x)$ -- li x Acta aritmetica 7 no. 2:107-119 '62.

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Mean-value estimations for the Mobius functionI. Acta aritmetica 7 no. 2:121-130 '62.

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KNAPOWSKI, S. (Poznan); STAS, W. (Poznan)

A note on a theorem of Hardy and Littlewood. Acta aritmetica 7 no. 2:161-166 '62.

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Contributions to the theory of the distribution of prime numbers in arithmetical progressions. Pt.2. Acta arithmetica 7 no.4:325-335 '62.

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KNAPOWSKI, S. (Poznan)

Mean-value estimations for the Möbius function. Pt.2. Acta arithmetica 7 no.4:337-343 '62.

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Another note on Hardy-Littlewood's theorem. Acta arithmetica 8 no.2:205-212 '63.

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(Mathematical Institute of Adam Mickiewicz University, Poznan (for Knapowski). 2. Mathematical Institute, Eotvos Lorand University, Budapest; Editorial board member, "Acta Mathematica Academiae Scientiarum Hungaricae," member, Hungarian Academy of Sciences (for Turan).

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On linear processes of approximation, Pt.1. Studia math 23 no.2:105-112 '63.

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Comparative prime-number theory. Pts 7-8. Acta mat Hung 14 no.3/4:241-268 '63.

1. Mathematical Institute of the University Adam Mickiewicz, Poznan (for Knapowski). 2. Mathematical Institute of Eotvos Lorand University, Budapest; Editorial board member, "Acta Mathematica Academiae Scientiarum Hungaricae" (for Turan).

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On oscillations of certain means formed from the Möbius series. Pt.1. Acta arithmetica 8 no.3; 311-320 '63.

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1. Mathematical Institute of the University Adam Mickiewicz, Poznan (for Knapowski).
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1. Submitted April 4, 1964.

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FORENBACHER, S.; ZDELAR, F.; KNAPP, K.

Review of periodicals; veterinary medicine. Bul sc Youg 9 no.4/5: 149 Ag-O '64.

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[Operation of the household gas system] Ekspluatatsiia gazovogo khoziaistva zhilogo doma. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1953. 122 p. (MLRA 7:2)

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Anticorrosion protective device against gas combustion products in gas water heaters. Gor. khoz. Mosk. 30 no.7:11-13 Jl '56. (MLRA 9:10)

1. Moskovskaya okrushnaya inspekteiya Gostekhgornadzora.
(Corrosion and anticorrosives) (Water heaters)

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SOSNIN, Yuriy Pavlovich; KHAPP, K.K., red.; RACHEVSKAYA, M.I., red. izd-va; KONYASHINA, A.D., tekhn. red.

[Gas heating and heating-cooking stoves] Gazovye otopitel'nye i otopitel'no-varochnye pechi. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1957. 166 p. (MIRA 11:7)

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BUKHIN, V.Ye.; VOVCHENKO, L.I.; PERCHENOK, R.I.; PROFERANSOV, V.P.; KNAPP, K.K., red.; ALTUF'YEVA, A.M., red.izd-va; VOLKOV, S.V., tekhn.red.

[Gas equipment, apparatus, instruments, and fittings for an urban gas system; catalog] Gazovoe oborudovanie, apparatura, pribory, armatura dlia gorodskogo gazovogo khoziaistva; katalog. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959. 289 p. (MIRA 13:2)
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(Gas manufacture and works--Equipment and supplies)

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Use gas water-heaters correctly. Zhil.-kom.khoz. 9 no.11:31 '59. (MIRA 13:2)

(Boilers) (Gas--Heating and cooking)

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[Use of gas in the home] Ekspluatatsiia gazovogo khozialstva zhilogo doma. Izd.2. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 128 p. (MIRA 13:7)
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SOSNIN, Yuriy Pavlovich, kand.tekhn.nauk; KNAPP, K.K., red.; CHERNYSHOV, V.A., red.izd-va; NAZAROVA, A.S., tekhn.red.

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Some performance characteristics of flues for gas appliances. Khil.-kom. khoz. 10 no.8:4-5 '60. (MIRA 13:9)
(Flues) (Gas--Heating and cooking)

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RYABTSEV, N.I., red.; BUKHIN, V.Ye., red.; VIGDORCHIK, D.Ya., red.; IVANOV, N.P., red.; KNAPP, K.K., red.; KOZLOV, S.S., red.; PROFERANSOV, V.P., red.; SLOBODKIN, M.S., red.; SHAROVATOV, L.P., red.; BYKOVA, L.B., ved. red.; KORSUN, Ye.P., red.; USHAKOVA, A.F., ved. red.; POLOSINA, A.S., tekhn. red.

[Gas equipment, apparatus, and fittings; reference book]Gazovoe oborudovanie, pribory i armatura; spravochnoe rukovodstvo. Moskva, Gostoptekhizdat, 1963. 469 p. (MIRA 16:4)
(Gas, Natural—Pipelines) (Gas appliances)

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KNAPP, Konstantin Konstantinovich; ZAROVNYY, P.B., red.; CHEKRYZHOV, V.A., red. izd-va; KHRNOKH, F.M., tekhn. red.

[New gas equipment serving communal and home needs]Novoe kommunal'no-bytovoe gazovoe oborudovanie. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1962. 65 p. (MIRA 16:3)
(Gas appliances)

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KNAPP, Konstantin Konstantinovich; RYAZANOV, D.N., red.; CHEKRYZHOV, V.A., red.izd-va; KHMOKH, F.M., tekhn. red.

[Building and operating smokestacks for gas appliances] Ustroistvo i ekspluatatsiia dymokhodov ot gazovykh pri-borov. Izd.2., dop. i ispr. Moskva, Izd-vo MKKh RSFSR, 1963. 119 p. (MIRA 16:8)
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The history of Hungarian glass manufacture. O. Kranz. Üveg és Kerámia 61, 40-2(1959). L. Bartholmay. Ind 494-4.—Historical review. R. S. de Pinedo

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Volatility of selenium and its compounds. [illegible] Knapp. Mayer. Chem. [illegible] 37, 1[illegible] 8(1001); Chem. Fundamentals Mindrovskii [illegible] — Experiments with Se salts and propan. heated to 90-100° showed that the volatility varied over a very large range, dependent on the quality of the salt. In the glass industry, the best results were obtained with [illegible]. Pure Se, Na and Zn selenides were more volatile.

B. R. [illegible]

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSES AND PROPERTIES OF

CA

19

The constitution of silicate glass. Oscar Kanno.

Kanno, Rendiconti 43, 423-4(1933).—Comparison was made of a calcd. and measured. It was concluded that the compn. of many glasses cannot be explained by the equil. diagram. P. S. Roller

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Phase of spinel composition. Oxide. Kaya. Tsukiori. Kyoto 6, 19-26(1957).—The phase equilibria of spinel phases are given, with special consideration of the TiO_2 system. Different oxide, SiO_2, B_2O_3 are tested for phase equil. These oxide, SiO_2, B_2O_3 and SiO_2, PbO are compared to TiO_2, without B_2O_3 phase equil. SiO_2, PbO yields most impurs. A phase called bluish crystl. 44% PbO is used for chr. combinations [illegible] of the high diffac. crystl. Regular phase equil. TiO_2, V_2O_5 or Cr_2O_3 shows all observed impurs.

H. S. de Fluiter

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19

Optical glasses. Ouchi Kenji. Takashi Kaiso 9, 24-9(1958).—The systems of manufacture of various factories are described, the 19 classes of optical glass of the Hoya factory and their chem. compn. are shown, and the industrial uses of the 115 types of optical glasses now manufd. throughout the world are discussed.

N. N. de Finaly

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PROCESSES AND PROPERTIES INDEX

21

Determination of the heating value of Kuzbass brown coals. Oshkin, Kozin, Mezov Mbash. Zapiski Kuzbasv Vu. 37-8(1940).—An approx. value is obtained by using heating value = [100 − (M + A)] C, where M is the moisture, A the ash content of the original coal and C a coeff. dependent on the quality of the coal and varying with the content of available H, O and S from 8.2 to 8210. The value of C is detd. on the basis of complete analysis of a given coal. S. S. de Finaly

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21

The determination of the C content of coal slag. Dmitry Kaspe. *Kim. Legko* 4, 13-14(1961); *Chem. Zentr.* 1961, 11, [illegible]. A procedure is given for the calcn. of the loss from the combustible matter in slag by use of the moisture and ash content of the coal and the ash content of the slag. Hans Schindler

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19

Glass manufacture in Germany. Ovidiu Ionescu. Magyar Kem. Lapja 8, 202-7(1957).—Consists mainly of present possibilities and availability of domestic raw materials. Istvan Pinter

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19

Oxygen war effects in replacing glass sand materials. [illegible] Kapsa (Hungary). Glas Tech. 38, 413-14 (1964).—Increased use of glass for sports wh. materials [illegible] glass sand. In Germany to find a deficiency in [illegible] phosphates were the best substitutes. [illegible] Al_2O_3 content needed. Under some circumstances [illegible] 1.5-2.0% F and 0.6% Fe_2O_3 were found to be preferable. H. F. Kaiga

ASB-164 METALLURGICAL LITERATURE CLASSIFICATION

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19

Development of the glass industry in the last ten years.
Quality Engineering. Master Tech. 3, No. 3, 71-6(1948).—
Summary of recent developments. Istvan Fischly

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

CA

19

Possibilities of producing optical glasses in Hungary. [illegible] Magyar Kem. Lapja 5, 100-7(1950).—[illegible] optical glass types which can be produced: barium-crown, phosphate-crown, crown, light barium-crown, barite-crown, [illegible] and flint glass. Industrial production could be begun with a plant of [illegible] kg. daily capacity. Istvan Fischer

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KNAPP, O.

"Natural Gas" p. 216 (Klat Es Tudomany, Vol. 8, No. 7, February, 1953, Budapest)

SO: Monthly List of East European Accessions, Vol. 3, No. 3 Library of Congress, March 1954, Uncl.

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KLAPP, C.

"Relation Between Viscosity and the Degree of Temperature of Silicate Glass", P. 198, (EPITCANYAG, Vol. 6, No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAI), LC, Vol. 4, No. 3, March 1955, Uncl.

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Linear relationship between temperature and viscosity of silicated glass. Tr. from the German. p. 100.
SKLAR A KERAMIK, Praha, Vol. 5, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

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KNAPP, O.; KATONA, G.

KNAPP, O.; KATONA, G. Measuring the surface tension of glass and enamel. p. 231.
National Conference of the Building Industry; remarks made by Comrade Lajos Szokup, Assistant Minister. p. 234.
National Conference of workers of the Czechoslovak building industry. p. 237.
V. A. Gorskov's Organization of Work and Establishing of Technical Norms in Glass Manufacturing; a book review. p. 238.

Vol. 7, No. 6, June 1955.
MINOSANYAG.
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, O.

Methods of testing the quality of glassware; also, remarks by Janos Levay and others. p. 311.
Vol 7, no. 8, Aug 1955. EPITOANYAG. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

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KNAPP, O.; KATONA, O.

Mathematical determination of the conditions for cooling glass. p. 397.

EPITOANYAG, Vol. 7, No. 10, Oct. 1955

(Etioanyagipari Tudomanyos Egyesulet es a Nehezvegyipari Kutato Intezet Szilikat Osztalya) Budapest.

SOURCE: East European Accessions List Vol. 5, No. 1 September, 1956

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, O.

KNAPP, O. Calculation of the viscosity of silicate glass. p. 449.

Vol. 15, No. 1/4, 1955.
KOZLEMENYEI.
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

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KNAPP, C.

KNAPP, C. Class as an artificial fertilizer. p. 54.

Vol. 115, No. 1, Jan. 1956
TERMESZET ES TARSADALOM
SCIENCE
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

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KNAPP-O

HUNGARY/Chemical Technology. Chemical Products and Their Application. H-13
Ceramics. Glass. Binding Materials Concrete

Abs Jour : Ref Zhur - Khimiya, 1958, No 22, 74729

Author : Knapp O.
Inst : Not Given
Title : Isotherms of Viscosity of the Alkali-Silica Glass

Orig Pub : Epitoanyag, 1957, 9, No 6, 310-313

Abstract : Considerable number and variety of oxides employed in the manufacture of glass to a large extent complicate the determination of glass viscosity. As the most realistic approach to this problem, therefore, is establishment of the viscosity relationship of the alkali-silica glass on glass mixtures containing only two oxides. The author has systematized results of various recent investigations pertaining to changes in glass viscosities and derives a conclusion of the existance of linear relationship between the viscosity isotherms and the alkali concentration for the alkali-silicate glass.

Card : 1/1

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, O.

Synthetic mica.

p. 215 (Magyar Kamikusok Lapja. Vol. 12, no. 7/8 July/Aug. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

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HUNGARY/Chemical Technology. Chemical Products and Their Applications. Glass. Ceramics. Binding Materials. Concrete.

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28286.

Author : Knapp, O.
Inst :
Title : New Types of Glasses and of Glassware.

Orig Pub: Epitoanyag, 10, No 4-5, 165-170 (1958) (in Hungarian)

Abstract: The [Hungarian ?] glass industry has recently introduced many new types of glasses (G). Corning Pyroceram, which are excellent refractories, find many applications in aviation. G of many shapes are used in the production of perforated disks, crucibles, heat exchangers, and in vacuum technology.

Card : 1/3

H

HUNGARY/Chemical Technology. Chemical Products and Their Applications. Ceramics. Glass. Binding Materials. Concrete.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28286.

Heat-reflecting oxide-coated G are used in metallurgical plants to protect equipment and personnel from harmful heat effects (E-C glasses). G containing 75% PbO is used in radiation shielding applications. Potassium-barium G containing 7% Ag which has been made fluorescent by irradiation with UV light is used in the construction of dosimeters. When photosensitive G is irradiated with UV light it acquires special properties and is used in the construction of precision perforated disks and other parts. Optical phosphate G capable of absorbing light of wavelength greater than 1 μ is used in projectors. Clear lanthanum G has an index of refraction

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Card : 3/3

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

Country : Hungary H-13
Category :

Abs. Jour. : 39402

Author : Knapp, O.
Institut. : Not given
Title : Investigation of the Conditions Required for the Crystallization of Technical Glasses

Orig Pub. : Epitoeanyag, 10, No 7, 239-249 (1958)

Abstract : The author has recorded the crystallization curves (C) of one magnesia, one lead, and two resistant [pyrix-type?] glasses (G) and has determined the effect of various substances in contact with the G and the effect of previous heat treatment on the C. A linear dependence has been obtained between the average rate of crystallization and the heat treatment time. Mathematical and statistical [sic] analyses show that the number of crystal nuclei is characteristic of the various types of G and not the rate of nuclei formation. It has been found that preliminary heat treatment and stabilization of the G reduce

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, O.

The role of glass in the research and use of atomic energy. p.647.

ENERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet)
Budapest, Hungary
Vol. 11, no.9/10, Sept./Oct. 1958.

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959
Uncl.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, O.

The role of glass in the manufacturing and use of resistance and capacitors. p. 503.

ELEKTROTECHNIKS. (Magyar Elektrotechnikai Egyesulet) Budapest, Hungary, Vol. 51, No. 10/12, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959. Uncla.

SOURCE : Chemical Technology. Chemical Products and Their Applications. Ceramics. Glass. Binding"

ABS. JOUR. : RZKhim., No. 23 1959, No. 83008

AUTHOR : Knapp, O.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

TITLE : Modern Structural Glass

ORIG. PUB. : Technika (Magyar), 1959, 3, No 3, 5

ABSTRACT : Brief description of various modern structural glass types employed for glassing in the windows ("thermex", "kontrasol", "thermopan"), as insulating and panneling material ("penosteklo"), for the construction of buildings ("profile" glass). Other expanding applications include the use of glass wool and glass plastics. -- S. Tipol't.

CARD: *Materials. Concrete.
1/1

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, O.

Calculation method of the vescosity of alkali and earth-alkali glass on the basis of their composition.

EPITOANYAG. (Epitoanyagipari Tudomanyos Egyesulet), Budapest, Hungary, Vol. 11, no. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, O., d.eng.sc.

The devitrification behaviour of some borosillicate glasses. Acta techn Hung 28 no.1/2:111-120 '60. (EEAI 9:7)
(Glass) (Borosilicates) (Sodium oxide)

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KNAPP, Oszkar, dr.

Glass as a structural material. Musz elet 15 no.18:11 S '60. (MRAI 9:12)

(Glass)

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KNAPP, Oszkar, a muszaki tudomanyok doktora

What is the agent of modern detergents and what is their advantage? Elet tud 15 no.11:322 13 Mr '60.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, Oszkar, a muszaki tudomanyok doktora

What are defoaming agents? Elet tud 15 no.32:994 7 Ag '60.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, Oszkar, a muszaki tudomanyok doktora; FARAGO, Gyorgy

Industrial lighting. Elet tud 15 no.32:1003-1006 7 Ag '60.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, Oszkar, a muszaki tudomanyok doktora

What does "ellu plate" mean? Elet tud 15 no.39:1218 25 8 '60.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320004-0

KNAPP, Oszkar, a muszaki tudomanyok doktora

What is cold steam heating? Elet tud 15 no.44:1399 30 O '60.

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